



**Environmental Leadership Facility**  
**TEMBEC USA LLC**  
**St. Francisville Operations**  
 St. Francisville, Louisiana



This integrated pulp and paper mill began operations in 1959, and currently consists of a bleached Kraft pulp mill, a pressurized stone groundwood mill and four paper machines. The mill produces 400,000 tons of roll paper that is used in the manufacture of magazines, catalogs, coffee filters, paper cups, file folders, and other specialty paper products.

**Pollution Prevention Highlights**

- 1999 - removed elemental chlorine from the process
- 1997 - over 7% reduction in Greenhouse Gases from 1990 (Kyoto target)
- 1994 - clean closure of black liquor storage ponds
- 1993 - reduced dioxin to non-detectible levels through process control
- 1992 - banned chlorinated solvents from the facility
- 1991 - removed all PCB's from the facility
- 1989 - began recycling used oil for reclamation as fuel
- 1989 - began reclaiming on-site bark for beneficial use
- 1988 - converted the recovery furnace to a low odor configuration
- 1988 - removed all underground storage tanks

**Pollution Prevention Goals**

WASTE STREAM	BASELINE YEAR	CURRENT YEAR QUANTITY	TARGET YEAR QUANTITY	COMMENTS
Energy Use (MMBTU / T of Production)	1997 <b>28.92</b>	2003 <b>24.18</b>	2006 <b>24.00</b>	16% reduction to date
Primary Sludge Landfilled (Tons/year)	2001 <b>32,020</b>	2003 <b>30,840</b>	2006 <b>23,340</b>	
BOD (Lbs / T of Production)	2001 <b>9.41</b>	2003 <b>8.45</b>	2006 <b>7.50</b>	10% reduction to date
Water Usage (Gal / T of Production)	2001 <b>25,715</b>	2003 <b>25,132</b>	2006 <b>20,000</b>	
TRS Emissions (Tons/year)	1997 <b>132</b>	2003 <b>90</b>	2006 <b>64</b>	32% reduction to date

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